

CRYSTALLIZATION AND STRUCTURE DETERMINATION OF  
*STAPHYLOCOCCUS AUREUS* UDP-N-  
ACETYLENOLPYRUVYLGLUCOSAMINE REDUCTASE

ABSTRACT

The substrate free form of *Staphylococcus aureus* UDP-N-acetylenolpyruvylglucosamine reductase (*S. aureus* MurB) has been crystallized, and the three dimensional x-ray crystal structure has been solved to 2.3 Å resolution. The x-ray crystal structure is useful for solving the structure of other molecules or molecular complexes, and designing inhibitors of *S. aureus* MurB.

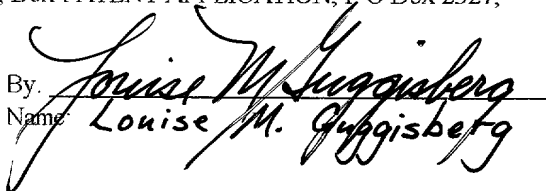
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